

## EAST Search History

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| L1    | 5304  | ((713/180) or (380/277-286,44-47)). CCLS.                             | US-PGPUB; USPAT | OR               | OFF     | 2008/10/18 13:40 |
| L2    | 417   | L1 and (encrypt\$4 scrambl\$4) with sign \$5 with private with public | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:40 |
| L3    | 17    | (scrambling adj key) and (Work adj key) and (Master adj key)          | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:40 |
| L4    | 40    | digitally adj signed adj key  | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:41 |
| L5    | 13    | L1 and L4   | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:41 |
| L6    | 3526  | key adj authentication  | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:41 |
| L7    | 388   | L1 and L6   | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:41 |
| L8    | 172   | L7 and digital adj signature  | US-PGPUB; USPAT | OR               | ON      | 2008/10/18 13:41 |
| S1    | 15    | (scrambling adj key) and (Work adj key) and (Master adj key)          | US-PGPUB; USPAT | OR               | ON      | 2007/02/14 11:24 |
| S2    | 1     | digitally adj signed adj secure adj key                               | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 10:30 |
| S3    | 35    | digitally adj signed adj key  | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:07 |
| S4    | 762   | generating with digital adj signature with key                        | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:07 |
| S5    | 762   | generating with (digital adj signature) with key                      | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:07 |
| S6    | 29309 | ("713").CLAS.   | US-PGPUB; USPAT | OR               | OFF     | 2007/02/12 13:08 |
| S7    | 434   | S5 and S6   | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:08 |
| S8    | 2     | S1 and digital adj signature  | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:19 |
| S9    | 2371  | key adj authentication  | US-PGPUB; USPAT | OR               | ON      | 2007/02/12 13:19 |

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| S10 | 11   | (key adj authentication).ti.                      | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>13:33 |
| S11 | 0    | S1 and virification                               | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>13:30 |
| S12 | 2    | S1 and verification                               | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>13:30 |
| S13 | 8    | S10 and encrypt                                   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>13:33 |
| S14 | 0    | "2003086569"                                      | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>14:29 |
| S15 | 1    | "20030086569"                                     | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:18 |
| S16 | 1    | "20050013440"                                     | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:20 |
| S17 | 3    | "6650754"   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:29 |
| S18 | 353  | (713/180).OCLS.                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/02/12<br>15:23 |
| S19 | 3700 | (380/277-286,44-47).<br>OCLS.                     | US-PGPUB;<br>USPAT | OR | OFF | 2007/02/12<br>15:24 |
| S20 | 85   | S18 and S19                                       | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:24 |
| S21 | 61   | S20 and "Digital<br>signature"                    | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:24 |
| S22 | 6    | S21 and "Master key"                              | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:25 |
| S23 | 13   | "6463155"   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:29 |
| S24 | 1    | ("6463155").PN.                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/02/12<br>15:35 |
| S25 | 291  | key adj management.<br>ab.                        | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:35 |
| S26 | 60   | S25 and "master key"                              | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:36 |
| S27 | 0    | S26 and "work key"                                | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:35 |
| S28 | 30   | S26 and digital adj<br>signature                  | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:40 |
| S29 | 1    | ("7073073").PN.                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/02/12<br>15:44 |
| S30 | 1    | ("6393564").PN.                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/02/12<br>15:55 |
| S31 | 762  | generating with digital<br>adj signature with key | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:33 |

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|-----|-------|--|--------------------|----|-----|---------------------|
| S32 | 49    | S31 and "master key"   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:56 |
| S33 | 4     | S32 and "work key"   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>15:56 |
| S34 | 95    | (Work adj key) and<br>(Master adj key)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>18:18 |
| S35 | 26    | S34 and "digital<br>signature"   | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/12<br>18:18 |
| S36 | 1     | "20030002680"  | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/13<br>11:53 |
| S37 | 1     | 10/769173  | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/13<br>11:53 |
| S40 | 2     | "20020001386"  | US-PGPUB;<br>USPAT | OR | ON  | 2007/02/14<br>11:26 |
| S41 | 24    | ((scrambling channel)<br>adj key) and (Work adj<br>key) and (Master adj<br>key)    | US-PGPUB;<br>USPAT | OR | ON  | 2007/03/05<br>08:06 |
| S42 | 11    | S41 and digital adj<br>signature   | US-PGPUB;<br>USPAT | OR | ON  | 2007/03/05<br>08:06 |
| S43 | 1     | "20030002680"  | US-PGPUB;<br>USPAT | OR | ON  | 2007/03/05<br>08:25 |
| S44 | 1     | 10/769173  | US-PGPUB;<br>USPAT | OR | ON  | 2007/03/05<br>08:25 |
| S45 | 2875  | (encrypt\$4 scrambl\$4)<br>with sign\$5 with<br>private with public                | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:35 |
| S46 | 32    | (encrypt\$4 scrambl\$4)<br>with sign\$5 with<br>private with public<br>with master | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:34 |
| S47 | 397   | (713/180).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/06<br>11:36 |
| S48 | 4136  | (380/277-286,44-47).<br>CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/06<br>11:36 |
| S49 | 11    | S45 and S47 and S48  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:37 |
| S50 | 2303  | sign\$5 with private adj<br>key with encrypt\$4<br>with public adj key             | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:40 |
| S51 | 4     | S50 and S47 and S48  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/06<br>11:39 |
| S52 | 43885 | ((("713") or ("380")).<br>CLAS.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/06<br>11:39 |

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| S53 | 1181 | S50 and S52   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/11/06<br>11:40 |
| S54 | 152  | sign\$5 near2 private<br>adj key with encrypt\$4<br>near2 public adj key  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/11/06<br>11:40 |
| S55 | 83   | S54 and S52   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/11/06<br>11:44 |
| S56 | 1    | ("6073237").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/11/06<br>11:44 |
| S57 | 23   | ("4288659"  <br>"4423287"  <br>"4965568"  <br>"5196840"  <br>"5371794"  <br>"5406628"  <br>"5434918"  <br>"5442342"  <br>"5469507"  <br>"5475756"  <br>"5483596"  <br>"5557678"  <br>"5568552"  <br>"5596642"  <br>"5684951").PN. OR<br>("6073237").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/11/06<br>11:44 |
| S58 | 4829 | ((713/180) or<br>(380/277-286,44-47)).<br>OCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2008/04/29<br>10:33 |
| S59 | 376  | S58 and (encrypt\$4<br>scrambl\$4) with sign<br>\$5 with private with<br>public   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:34 |
| S60 | 16   | (scrambling adj key)<br>and (Work adj key)<br>and (Master adj key)  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:34 |
| S61 | 4    | S58 and S60   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:34 |
| S62 | 39   | digitally adj signed adj<br>key   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:34 |
| S63 | 13   | S58 and S62   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:34 |
| S64 | 3233 | key adj authentication  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:35 |
| S65 | 349  | S58 and S64   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:35 |
| S66 | 151  | S65 and digital adj<br>signature  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/29<br>10:35 |

10/ 18/ 2008 1:41:33 PM

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